contd A1

priority from U.S. Serial No. 60/035,826, filed January 8, 1997 and U.S. Serial No. 60/045,676, filed May 6, 1997, all of which are hereby expressly incorporated by reference.

**In the claims**:

Please cancel without prejudice claims 2-28, amend claim 1 and add new claims 29-41 as follows:

**Please amend claim 1 as follows**:

A2 pend C1

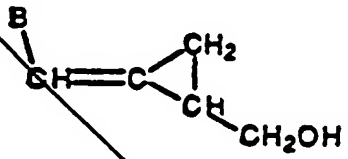
1. (Amended) A compound having the formula:

wherein B is a heterocyclic ring derived from a purine or pyrimidine moiety, and pharmaceutically acceptable salts, and prodrugs, thereof.

**Please add the following new claims**:

A3 pend

29. (New) A compound having the formula:




C1 cont

wherein B is a heterocyclic ring derived from a purine or pyrimidine moiety, and pharmaceutically acceptable salts, and prodrugs, thereof.

30. (New) The compound of Claims 1 or 29, wherein B is selected from the group consisting of 6-aminopurine, 2,6-diaminopurine, 2-amino-6-cyclopropylaminopurine, 6-hydroxypurine, 2-amino-6-halo substituted purine, 2-amino-6-alkoxy substituted purine, 2-amino-6-hydroxypurine, 3-deazapurine, 7-deazapurine, 8-azapurine, cytosine, 5-halo

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substituted cytosine, 5-halo substituted cytosine, 5-alkyl substituted cytosine, thymine, uracil and 6-azapyrimidine.

31. (New) The compound of Claims 1 or 29, wherein B is selected from the group consisting of adenin-$N^9$-yl, guanin-$N^9$-yl, cytosin-$N^1$-yl, 2,6-diaminopurine, 2-amino-6-cyclopropylaminopurin-$N^9$-yl and 2-amino-6-chloropurin-$N^9$-yl.

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32. (New) An antiviral compound selected from the group consisting of syn-$N^9$-(2-hydroxymethylcyclopropylidenemethyl) adenine, syn-$N^9$ - (2 – hydromethylcyclopropylidenemethyl) guanine, syn-$N^1$-(2-hydroxymethylcyclopropylidenemethyl) cytosine, syn-2,6-diamino-$N^9$-(2-hydroxymethylcyclopropylidenemethyl) purine, syn-2-amino-6-cyclopropylamino-$N^9$-(2-hydroxymethylcyclopropylidenemethyl) purine and pharmaceutically acceptable salts, and prodrugs, thereof.

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33. (New) An antiviral compound selected from the group consisting of methyl phenyl-phosphoro-L-alaninate of syn - $N^9$ - (2 - hydroxymethylcyclopropylidenemethyl) adenine, methyl phenyl-phosphoro-L-alaninate of anti-$N^2$-(2-hydroxymethylcyclopropylidenemethyl) and pharmaceutically acceptable salts, and prodrugs, thereof.

34. (New) A composition comprising a compound of Claims 1 and 29-33 and a pharmaceutically acceptable carrier.

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35. (New) A method of treating mammals infected with a virus comprising the step of administering to the mammal an antiviral compound selected from the group consisting of the compounds of Claims 1 and 29-34.

36. (New) The method of Claim 35, wherein said mammal is a human.

37. (New) The method of Claim 35, wherein said virus is a human herpes virus.

38. (New) The method of Claim 35, wherein said virus is a human immunodeficiency virus.

39. (New) The method of Claim 35, wherein said virus is hepatitis B virus.

contd. A3

40. (New) The method of Claim 35, further comprising the step of administering an additional antiviral compound.

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41. (New) The method of Claim 40, wherein the additional antiviral compound is selected from the group consisting of acyclovir, ganciclovir, zidovudine, AZT, ddI, ddC, d4T, and combinations thereof.